

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended) An apparatus for pointing an action attribute of an electronic application system which performs a process concerning an application from one of applicant terminals targeted to applicants such as residents or enterprises by using actions representing individual process businesses necessary for proceeding with the process concerning the application, action components representing individual business factors constituting each of said process businesses and having a nested structure and programs for execution of said business factors, said action attribute pointing apparatus for electronic application system comprising:

a storage unit for storing an action attribute file including:
component name correspondence information for making the correspondence between an action name and at least one action component name and defining a first execution order of the action components when the action name corresponds to plural action component names, further making the correspondence between the action component name and plural nested action component names and defining a second execution order of the nested action components an action name assigned to an action to specify said action, an action component name assigned to an action component to specify said action component, and component name correspondence

information for making the correspondence between said action name and said action component name; and

program name correspondence information for making the correspondence between said action component name and a program name assigned to said program to specify said program;

a display unit for displaying definition information concerning the component name correspondence information and the program name correspondence information stored in the storage unit an action attribute storage unit for storing said component name correspondence information and said program name correspondence information;

a definition information input/execute an input unit for inputting the definition information concerning said component name correspondence information and the program name correspondence information stored in said action attribute storage unit;

an execution unit for retrieving the component name correspondence information stored in the storage unit using the action name obtained from the application received from the applicant terminal as a key to specify the action component names and the execution order corresponding to the action name, retrieving the program name correspondence information stored in the storage unit using the specified action component names as keys to specify the program names corresponding the action component names, and executing the programs identified by the specified program names in order of the specified first execution order and the specified second execution order; and an action attribute storage contents prepare/update unit for preparing/updating the contents of said action attribute storage unit on the

basis of the definition information inputted by means of said definition information input/execute unit; and

an action control unit for making the display unit display a screen for updating the definition information concerning the component name correspondence information stored in the storage unit, when at least one of the first execution order and the second execution order is changed, receiving update information for updating at least one of the first execution order and the second execution order from the input unit, and updating the component name correspondence information based on the received update information without updating the program name correspondence information controlling the execution of said action component by consulting with said correspondence information of said action attribute storage unit.

2. (currently amended) An action attribute pointing apparatus for electronic application system according to claim 1, wherein said action attribute storage unit includes: component execution sequence information for defining the execution sequence of said action components; and said action component name is attached with component execution form information for defining, in connection with said action components during their execution, one of normal time execution executable during normal operation, exception occurring time execution executable during occurrence of exceptional operation and indispensable execution executable during both the normal and exceptional operations, and

wherein said execution unit refers to the component execution form information and controls the execution of the action components according to the component execution form informational also defining layering of processes.

Claims 3 and 4 (canceled).

5. (currently amended) A method for pointing an action attribute of an electronic application system which performs a process concerning an application from one of applicant terminals targeted to applicants such as residents or enterprises by using actions representing individual process businesses necessary for proceeding with the process concerning the application, action components representing individual business factors constituting each of said process businesses and having a nested structure and programs for execution of said business factors, said action attribute pointing method executed by a computer of said electronic application system comprising the steps of:

storing into a storage unit an action attribute file including:

component name correspondence information for making the correspondence between an action name and at least one action component name and defining a first execution order of the action components when the action name corresponds to plural action component names, further making the correspondence between the action component name and plural nested action component names and defining a second execution order of the nested action components, and

program name correspondence information for making the correspondence between said action component name and a program name assigned to said program to specify said program;

displaying on display unit definition information concerning the component name correspondence information and the program name correspondence information stored in the storage unit;

inputting from an input unit the definition information concerning said component name correspondence information and the program name correspondence information;

retrieving the component name correspondence information stored in the storage unit using the action name obtained from the application received from the applicant terminal as a key to specify the action component names and the execution order corresponding to the action name;

retrieving the program name correspondence information stored in the storage unit using the specified action component names as keys to specify the program names corresponding to the action component names;

executing the programs identified by the specified program names in order of the specified first execution order and the specified second execution order;

making the display unit display a screen for updating the definition information concerning the component name correspondence information stored in the storage unit, when at least one of the first execution order and the second execution layer is changed;

receiving update information for updating at least one of the first execution order and the second execution order from the input unit; and

updating the component name correspondence information based on the received update information without updating the program name correspondence information a step of pointing an action attribute by using an action name assigned to an action to specify said action, an action component name assigned to an action component to specify said action component, component name correspondence information for making correspondence between said action name and said action component name, program name correspondence information for making the correspondence between said action component name and a program name assigned to a program to specify said program, and an action attribute storage unit for storing said component name correspondence information and said program name correspondence information;

a definition information input/execute step of inputting definition information concerning said correspondence information stored in said action attribute storage unit;

an action attribute storage contents prepare/update step of preparing/updating the contents of said action attribute storage unit on the basis of the definition information inputted in said definition information input/execute step; and an action control step of controlling the execution of said action component by consulting with said correspondence information of said action attribute storage unit.

6. (currently amended) An action attribute pointing method for electronic application system according to claim 5, wherein said action attribute storage unit includes: component execution sequence information for

defining the execution sequence of said action components; and said action component name is attached with component execution form information for defining, in connection with said action components during their execution, one of normal time execution executable during normal operation, exception occurring time execution executable during occurrence of exceptional operation and indispensable execution executable during both the normal and exceptional operations, and

wherein said component execution form information is referred by the computer and used to control the execution of the action components also defining layering of processes.

Claims 7-9 (canceled).